
[Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)
[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [ECLIPSE](#) | [History](#) | [Sources](#) | [Guided Search Forms](#) | [Command Searching](#)

[Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Multi-Source Groups](#) > [Patent Cases from Federal Courts and Administrative Materials](#)

### Enter Search Terms

☒ Terms and Connectors ☐ Natural Language

[Suggest Terms  
for My Search](#)


### Restrict by Segment:

Select a segment, enter search terms for the segment, then click Add.



**Note:** Segment availability differs between sources. Segments may not be applied consistently across sources.

### Restrict by Date:

☒ No Date Restrictions

☐

From

To

[Date Formats...](#)

### Search Connectors

Use connector between search terms. Use connector for connector to a

Syntax	Definition
<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	with
<u>not w/N</u>	not with
<u>pre /N</u>	previous
<u>w/p</u>	in
<u>not w/p</u>	not in
<u>w/seg</u>	in segment
<u>not w/seg</u>	not in segment
<u>w/s</u>	in source
<u>not w/s</u>	not in source
<u>and not</u>	and not
	View

[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#)  
[Eclipse™](#) | [History](#) | [Delivery Manager](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)  
[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

## No Documents Found!

No documents were found for your search (**6,028,183** or **6028183**). Click the "Edit Search" button below to try again. You may want to try one or more of the following:

- Check for spelling errors.
- Remove some search terms.
- Use a less restrictive date range.
- Use more common search terms. "Suggested Words and Concepts" are displayed on the search form when you click on Edit Search.

---

Edit Search

[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.


[Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)
[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [ECLIPSE](#) | [History](#) | [Sources](#) | [Guided Search Forms](#) | [Command Searching](#)

[Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Legal News](#) > [Patent, Trademark & Copyright Periodicals, Combined](#)

### Enter Search Terms

☒ Terms and Connectors ☐ Natural Language

[Suggest Terms  
for My Search](#)


### Restrict by Segment:

Select a segment, enter search terms for the segment, then click Add.



**Note:** Segment availability differs between sources. Segments may not be applied consistently across sources.

### Restrict by Date:

☒ No Date Restrictions

☐

From

To

[Date Formats...](#)

### Search Connectors

Use connector between search terms. Use connector for a search term.

**Syntax** **Default**

[and](#) [and](#)

[or](#) [or](#)

[w/N](#) [with](#)

[not w/N](#) [not](#)

[pre /N](#) [pre](#)

[w/p](#) [in s](#)

[not w/p](#) [not](#)

[w/seg](#) [in s](#)

[not w/seg](#) [not](#)

[w/s](#) [in s](#)

[not w/s](#) [not](#)

[and not](#) [and](#)

[Vie](#)

[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#)  
[Eclipse™](#) | [History](#) | [Delivery Manager](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)  
[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

## No Documents Found!

No documents were found for your search (**6,028,183 or 6028183**). Click the "Edit Search" button below to try again. You may want to try one or more of the following:

- Check for spelling errors.
- Remove some search terms.
- Use a less restrictive date range.
- Use more common search terms. "Suggested Words and Concepts" are displayed on the search form when you click on Edit Search.

---

Edit Search

[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.


[Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)
[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [ECLIPSE](#) | [History](#) | [Sources](#) | [Guided Search Forms](#) | [Command Searching](#)
[News & Business](#) > [News](#) > [News, Most Recent Two Years \(English, Full Text\)](#)

### Enter Search Terms

☒ Terms and Connectors ☐ Natural Language

[Suggest Terms  
for My Search](#)


### Restrict by Segment:

Select a segment, enter search terms for the segment, then click Add.



Note: Segment availability differs between sources. Segments may not be applied consistently across sources.

### Restrict by Date:

☒ No Date Restrictions

☐

From

To

[Date Formats...](#)

### Search Connectors

Use connector between search terms. Use connector for complex searches. Use connector to a specific source.

Syntax	Definition
and	and
or	or
w/N	with
not w/N	not with
pre /N	previous
w/p	in
not w/p	not in
w/seg	in segment
not w/seg	not in segment
w/s	in source
not w/s	not in source
and not	and not
	View

[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#)  
[Eclipse™](#) | [History](#) | [Delivery Manager](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)  
[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

Source: [News & Business](#) > [News](#) > News, Most Recent Two Years (English, Full Text) 

Terms: 6,028,183 or 6028183 ([Edit Search](#))

Canadian Press Newswire July 22, 2004

Copyright 2004 Micromedia Limited  
Canadian Business and Current Affairs  
Copyright 2004 Canadian Press  
Canadian Press Newswire

July 22, 2004

**SECTION:** JI 22'04

**CBCA-ACC-NO:** 6028183

*False Drop - Not Relevant*

**LENGTH:** 241 words

**HEADLINE:** Artists, promoters of cultural heritage among winners of 2004 Order of Nova Scotia

**BODY:**

HALIFAX (CP) \_ Prominent members of Nova Scotia's arts community will be among the five Order of Nova Scotia recipients this fall.

The province announced the names of this year's recipients in a news release issued on Thursday. The formal award ceremony is on Oct. 5.

Anne Marie Comeau, the founder and artistic director of Le Baie en Joie, will be given the award for her "outstanding contribution to the preservation and promotion of Acadian culture, regionally, nationally and internationally," said the release.

Donald Michael Julien, of Truro, will receive the order as "a life-long promoter of Mi'kmaq history and culture."

The province also named Marial M. Mosher, who has been a dancer, military officer and academic, and Dr. Oscar Shiu-Yuet Wong, a radiation oncologist and medical educator.

Sherman Zwicker, a former mayor of Lunenburg, was named for contributing to "the health and well-being of the people of his community and preserving the cultural heritage of Lunenburg and its fishing tradition."

The recipients were selected by the Order of Nova Scotia Advisory Council from 137 nominations submitted from across the province.

The Order of Nova Scotia was established in June 2001. Ten people were selected as inaugural members in 2002, with no more than five people being selected as recipients in the following years.

Recipients have the right to use the initials O.N.S. after their names.

**JOURNAL-CODE:** 1418

**LOAD-DATE:** August 13, 2004

Source: [News & Business > News > News, Most Recent Two Years \(English, Full Text\)](#) 

Terms: **6,028,183 or 6028183** ([Edit Search](#))

View: Full

Date/Time: Tuesday, May 31, 2005 - 10:12 AM EDT

[About LexisNexis](#) | [Terms and Conditions](#)

[Copyright](#) © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.


[Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)
[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [ECLIPSE](#) | [History](#) | [Sources](#) | [Guided Search Forms](#) | [Command Searching](#)
[Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility, Design and Plant Patents](#)

### Enter Search Terms

☒ Terms and Connectors ☐ Natural Language

[Suggest Terms for My Search](#)


### Restrict by Segment:

Select a segment, enter search terms for the segment, then click Add.

Note: Segment availability differs between sources. Segments may not be applied consistently across sources.

### Restrict by Date:

☒ No Date Restrictions ☐ From  To  [Date Formats...](#)

### Search Connectors


Use connector between search terms. Use connector for a search term. Use connector to a search term.

Syntax	Definition
<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	with
<u>not w/N</u>	not with
<u>pre /N</u>	previous
<u>w/p</u>	in
<u>not w/p</u>	not in
<u>w/seg</u>	in segment
<u>not w/seg</u>	not in segment
<u>w/s</u>	in source
<u>not w/s</u>	not in source
<u>and not</u>	and not
<u>Vie</u>	view

[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#)  
[Eclipse™](#) | [History](#) | [Delivery Manager](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)  
[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.



Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility, Design and Plant Patents](#)   
Terms: **patno is 6,028,183 or patno is 6028183** ([Edit Search](#))

966392 (08) 6028183 February 22, 2000

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

**6028183**

[Access PDF of Official Patent \\*](#)

[Check for Patent Family Report PDF availability \\*](#)

\* Note: A transactional charge will be incurred for downloading an Official Patent or Patent Family Report. Your acceptance of this charge occurs in a later step in your session. The transactional charge for downloading is outside of customer subscriptions; it is not included in any flat rate packages.

[Link to Claims Section](#)

February 22, 2000

Pyrimidine derivatives and oligonucleotides containing same

**REISSUE:** February 21, 2002 - Reissue Application filed Ex. Gp.: 1623; Re. S.N. 10/080,074 (O.G. May 28, 2002)

**APPL-NO:** 966392 (08)

**FILED-DATE:** November 7, 1997

**GRANTED-DATE:** February 22, 2000

**ASSIGNEE-AT-ISSUE:** Gilead Sciences, Inc., Foster City, California, United States (US), 02

**ASSIGNEE-AFTER-ISSUE:** February 10, 1998 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., MUENCHAU, DARYL D. 333 LAKESIDE DRIVE GILEAD SCIENCES, INC. FOSTER CITY CALIFORNIA 94404, Reel and Frame Number: 08963/0460  
March 23, 1999 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., ISIS PHARMACEUTICALS, INC. 2292 FARADAY AVENUE CARLSBAD CALIFORNIA 92008, Reel and Frame Number: 09833/0012

September 24, 1999 - CORRECTIVE ASSIGNMENT TO CORRECT ASSIGNEE'S NAME PREVIOUSLY RECORDED ON REEL 8963, FRAME 0460., GILEAD SCIENCES, INC. 333 LAKESIDE DRIVE FOSTER CALIFORNIA 94404, Reel and Frame Number: 10264/0325

October 30, 2000 - CORRECTED ASSIGNMENT TO CORRECT THE RECEIVING PARTY AS RECORDED ON REEL 010264, FRAME 0414., ISIS PHARMACEUTICALS, INC. 2292 FARADAY AVENUE CARLSBAD CALIFORNIA 92008, Reel and Frame Number: 11211/0719

**CORE TERMS:** sub, sup, oligonucleotide, compound, mmole, optionally, atom, monomer, alkyl, linkage ...

**ENGLISH-ABST:**

Compounds having structure (1) ##STR1## wherein R.sup.1 is --H a protecting group, a linker or a binding partner; and R.sup.2 and R.sup. 34 are as defined in the specification. The invention also provides intermediates and methods make the structure (1) compounds, as well as methods to use the compounds as labels in diagnostic assays and to enhance binding to complementary bases.

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility, Design and Plant Patents](#)

Terms: **patno is 6,028,183 or patno is 6028183** ([Edit Search](#))

View: **Custom**

Segments: Abst, Assignee, Cert-correction, Date, Reexam-cert, Reexam-litigate, Reissue, Reissue-comment, Title  
Date/Time: Tuesday, May 31, 2005 - 10:13 AM EDT

[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

LexisNexis CourtLink

[Order Documents](#) | [Available Courts](#) | [Lexis.com](#) | [Sign Out](#) | [Help](#)

Welcome Toby Port!

[My CourtLink](#)[Search](#)[Dockets & Documents](#)[Track](#)[Alert](#)[Strategic Profiles](#)[My Account](#)[Search > Patent Search](#)[Cancel](#)**Patent Number Search****Enter a Patent Number or Select a District Court**

- Entering a patent number displays all cases related to that patent.
- Selecting a Court displays all patent-related cases for that court.

**Enter a Patent Number** [\[info\]](#)

6,028,183

-- OR --

**Select a District Court**

-- Select --

**Client Matter Code:** [\[info\]](#)**Previous Codes:** [\[info\]](#)

-- Select One --

[Manage Previous Codes](#)

*These codes will appear on your invoice next to charges associated with this search. The values will be preserved until changed.*

**Client/Project Notes:**[Cancel](#)[Pricing](#) [Privacy](#) [Master Services Agreement](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

LexisNexis CourtLink

[Order Documents](#) | [Available Courts](#) | [Lexis.com](#) | [Sign Out](#) | [Help](#)

Welcome Toby Port!

[My CourtLink](#) | [Search](#) | [Dockets & Documents](#) | [Track](#) | [Alert](#) | [Strategic Profiles](#) | [My Account](#)[Search](#) > [Patent Search](#) > Searching

Patent Search - Number: 6,028,183



No cases containing this patent number were found.

[Return to Search](#)

(Charges for search still apply)

---

[Pricing](#)   [Privacy](#)   [Master Services Agreement](#)[Copyright](#) © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

?file pluspat

Selected file: PLUSPAT

PLUSPAT - (c) Questel-Orbit, All Rights Reserved.  
 Comprehensive Worldwide Patents database  
 New Patent Citation Commands & FAM Citation Report - see INFO PATCITE  
 Announcing enhanced searchability of Relevancy Codes in Search Reports  
 for EP, WO and FR patents. For more details see below and on QO website  
 -To retrieve set of high relevancy X coded cited patents, use xctx=yes  
 -To extract cited patents with only high relevancy code, use mem/xctx  
 Last update of file: 2005/05/25 (YYYY/MM/DD) 2005-20/UP (last update)

Search statement 2

?us6028183/pn

\*\* SS 2: Results 1

?prt full legalall max

1/1 PLUSPAT - (C) QUESTEL-ORBIT- image  
 CPIM (C) Questel-Orbit  
 PN - US6028183 A 20000222 [US6028183]  
 TI - (A) Pyrimidine derivatives and oligonucleotides containing same  
 PA - (A) GILEAD SCIENCES INC (US)  
 PAO - Gilead Sciences, Inc., Foster City CA [US]  
 IN - (A) LIN KUEI-YING (US); MATTEUCCI MARK D (US)  
 AP - US96639297 19971107 [1997US-0966392]  
 PR - US96639297 19971107 [1997US-0966392]  
 IC - (A) C07H-019/00 C07H-021/00  
 EC - C12Q-001/68B C12Q-563:107  
 - C07H-019/06E  
 - C07H-019/06F  
 - C07H-021/00C4  
 - C07H-021/00G  
 PCL - ORIGINAL (O) : 536022100; CROSS-REFERENCE (X) : 435006000 435087000  
 435090000 536023100 536025300 536025310 536025320 536025340  
 536025400 544249000  
 DT - Corresponding document  
 CT - US4233402; US5286717; US5502177; US5594121; US5614617; US5614622;  
 US5623068; US5645985; US5668272; US5728528; EP0487289 A2; EP0541153  
 A1; JP62-059293 A2; WO8810264; WO9015065; WO9106629; WO9106626;  
 WO9202258; WO9220702; WO9310820; WO9313121; WO9324507; WO9605298;  
 WO9637504; WO9714706; WO9731008; WO9728176; WO9732888  
 - Bell, et al., "Highly Effective Hydrogen-Bonding Receptors for Guanine  
 Derivatives", 34(19):2163-2165, Angew Chem Int Ed, 1995.  
  
 Dande, et al., "Regioselective Effect of Zwitterionic DNA  
 Substitutions on DNA Alkylation: Evidence for a Strong Side Chain  
 Orientational Preference", 36:6024-6032, Biochem, 1997.  
  
 Haginoya et al., "Nucleosides and Nucleotides. 160, Synthesis of  
 Oligodeoxyribonucleotides Containing 5-(N-Aminoalkyl)carbamoyl-2'-deox  
 yridines by a New Postsynthetic Modification Method and Their Thermal  
 Stability and Nuclease-Resistance Properties", 8:271-280, Bioconj  
 Chem, 1997.

Lin et al., "Tricyclic 2'-Deoxycytidine Analogs: Synthesis and Incorporation into Oligodeoxynucleotides Which Have Enhance Binding to Complementary RNA", 117:3873-3874, J. Am Chem Soc, 1995.

Matteucci et al., "In pursuit of antisense", 384(7):20-22, Nature, 1996.

Prober et al., "A System for Rapid DNA Sequencing with Fluorescent Chain-Terminating Dideoxynucleotides", 238:336-341, Science, 1987.

Ueno et al., "Effects of 5-(N-aminohexyl)carbamoyl-2'-dexyuridine on endonuclease stability and the ability of oligodeoxynucleotide to activate RNase H", 25(19):3777-3782, Nuc Acids Res, 1997.

Ulmann et al, "Antisense Oligonucleotides: A New Therapeutic Principle", 90(4):543-584, Chem Rev, 1990.

STG - (A) United States patent

AB - Compounds having structure (1) (Chemical Structure image '1' not included in text) wherein R1 is --H a protecting group, a linker or a binding partner; and R2 and R34 are as defined in the specification. The invention also provides intermediates and methods make the structure (1) compounds, as well as methods to use the compounds as labels in diagnostic assays and to enhance binding to complementary bases.

UP - 2000-10

1/1 LGST - (C) EPO

PN - US6028183 A 20000222 [US6028183]

AP - US96639297 19971107 [1997US-0966392]

ACT - 20001030 US/AS-A

ASSIGNMENT

OWNER: ISIS PHARMACEUTICALS, INC. 2292 FARADAY AVENUE CAR; EFFECTIVE DATE: 19990318

CORRECTED ASSIGNMENT TO CORRECT THE RECEIVING PARTY AS RECORDED ON REEL 010264, FRAME 0414.;ASSIGNOR:GILEAD SCIENCES, INC.;REEL/FRAME:011211/0719

- 20020528 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20020221

UP - 2004-30

1/1 CRXX - (C) CLAIMS/RRX

AN - 3284313

PN - 6,028,183 A 20000222 [US6028183]

PA - Gilead Sciences Inc

PT - C (Chemical)

ACT - 20001030 REASSIGNED

CORRECTED ASSIGNMENT TO CORRECT THE RECEIVING PARTY AS RECORDED ON REEL 010264, FRAME 0414.

Assignor: GILEAD SCIENCES, INC. DATE SIGNED: 03/18/1999

Assignee: ISIS PHARMACEUTICALS, INC. 2292 FARADAY AVENUE CARLSBAD, CALIFORNIA 92008

Reel 011211/Frame 0719

Litigation 6,028,183 Owens

Contact: WOODCOCK WASHBURN KURTZ ET AL GREGORY L. HILLYER ONE LIBERTY  
PLACE - 46TH FLOOR 1650 MARKET STREET PHILADELPHIA, PA 19103-7301

- 20020221 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20020528  
REISSUE REQUEST NUMBER: 10/080074  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1623

Reissue Patent Number:

UP - 2001-12  
UACT- 2002-05-28  
URAS- 2001-03-20